CD4
Series

CD4-6643

The **CD4** Custom Displacement Guide is fabricated with a 4-point suspension system which offers the ultimate in support. A CD4 can be fabricated for webs up to 130 in. (3302mm) wide. Each guide is individually designed and custom built with heavy–duty welded steel tubing and dual outboard cam-follower supports for maximum rigidity.
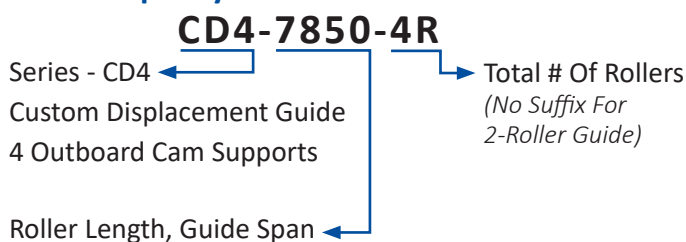
No electronics, no hydraulics means no problems. The **CD4** series is easy to install and setup.

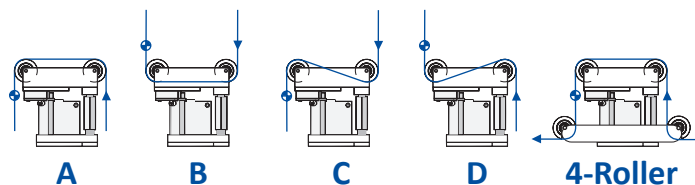Optional Custom Mounting Stands are available upon request.

Specifications:

Max Web Width . . . . 130 in. (3302mm)
Roll Face . . . . 45 to 140 in. (1143 to 3556mm)
Guide Span . . . . .20 to 75 in. (508 to 1905mm)
Roller Dia. . . . . 3 to 8 in. (76.2 to 203.2mm)
Roller Types:
Standard . . . . Aluminum
Optional . . . . Grooved, Stainless, Plasma, Cork Tape or Rubber Coated
Auto Center Option . . . . .Yes
Sensor Bracket Style 104
Maximum Tension . . . . 20 PLI
Temperature. . . . . 32 - 170° F (0 - 76.7° C)
High Heat Option . . . . up to 212° F (100° C)
Air Consumption (at 6 psi) . . . . 1.8 CFM (51 l/m)

Requirements:

- Entry and exit spans must be parallel to each other and perpendicular to the plane of the guide's motion.

- Web must enter and exit the guide at a 90° angle. Guide span must be approximately 1\2 - 1x's the maximum web width.

- The air-flow (edge) sensor must be securely mounted after the guide's exit roller and within the first one-third of the exit span.

- At least one idler roller must be located between the exiting guide roller and the process (printing, laminating, etc.).

On linear bearings with 0.1 coefficient of friction

Environment Applications:

- Wash Down
- Clean Room
- Dusty Dirty
- High Humidity
- High Heat
- Explosion Proof

How To Specify:

CD4-7850-4R

Series - CD4
Custom Displacement Guide
4 Outboard Cam Supports

Total # Of Rollers
(No Suffix For 2-Roller Guide)

Roller Length, Guide Span

Web Path Configurations:

A **B** **C** **D** **4-Roller**

Guides can be placed in any orientation and sensor can be on either the near side or far side of the web. Dual sensor to center-guide is optional.

Additional Optional Equipment:

- Center Guide
- Splice Table
- Stainless Steel
- Multiple Stack Units
- Remote Sensor Controls